

Title (en)

PRIORITY-BASED ADMISSION CONTROL IN A NETWORK WITH VARIABLE CHANNEL DATA RATES

Title (de)

ZUGRIFFSSTEUERUNG AUF PRIORITÄTSBASIS IN EINEM NETZWERK MIT VARIABLEN KANALDATENRATEN

Title (fr)

COMMANDE D ADMISSION BASÉE SUR LA PRIORITÉ DANS UN RÉSEAU AVEC DÉBIT DE DONNÉES DE CANAL VARIABLE

Publication

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Application

EP 09798515 A 20090624

Priority

- US 2009048425 W 20090624
- US 17380408 A 20080715

Abstract (en)

[origin: US2010014422A1] A method for priority-based admission control in a network, comprises receiving an admission request for transmitting an information flow to a network through a communication channel and determining an admissible region within a range of a channel data rate of a communication channel for an information flow in response to a priority of the information flow, where the priority of the information flow is one of a plurality of priorities of information flow. The admissible region is one of a plurality of admissible regions within the channel data rate range that correspond to different ones of the plurality of priorities of information flow, respectively, and each of the plurality of admissible regions within the channel data rate range is useable for transmitting information flow with a respective one of the plurality of priorities. Further included in the method is determining an available channel data rate of the communication channel for receiving the information flow by the network, and granting the admission request for the information flow after determining that the available channel data rate of the communication channel is within the admissible region of the channel data rate range.

IPC 8 full level

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CPC (source: EP US)

H04L 47/24 (2013.01 - EP US); **H04W 8/04** (2013.01 - US); **H04W 28/02** (2013.01 - EP); **H04W 74/0875** (2013.01 - EP US); **H04W 28/22** (2013.01 - EP US)

Citation (search report)

- [X] US 2002191539 A1 20021219 - RAWLINS DIANA [US], et al
- [A] US 2002035641 A1 20020321 - KUROSE YOSHITOSHI [JP], et al
- [A] WO 9909691 A1 19990225 - UNIV MASSACHUSETTS [US], et al
- [A] WO 03077588 A1 20030918 - ERICSSON TELEFON AB L M [SE], et al
- See references of WO 2010008878A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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